

IN THE UNITED STATES RECEIVING OFFICE (RO/US)
Designated/Elected Office (DO/EO/US)

U.S. National Stage of
International Application No.: PCT/GB03/01690
International Filing Date: April 16, 2003
Earliest Priority Date: April 17, 2002
Applicants: Trevor James Hall and William Alden Crosland
Title: PACKET SWITCHING
Attorney's Docket No.: 3808.1000-000

Date: October 15, 2004

EXPRESS MAIL LABEL NO. EV215892313US

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.129(a), or
(First/Second submission after Final Rejection)

under 37 CFR 1.97(b), or
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

under 37 CFR 1.97(c) together with either:
 a Statement under 37 CFR 1.97(e), as checked below, or
 a \$180.00 fee under 37 CFR 1.17(p), or
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

under 37 CFR 1.97(d) together with:
 a Statement under 37 CFR 1.97(e), as checked below, and
 a \$180.00 fee under 37 CFR 1.17(p), or
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

under 37 CFR 1.97(i):
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

Copies of the cited references are enclosed.

Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.

Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]

The listed references (AA, AR, AS, AT) were cited in the enclosed International Search Report in a counterpart foreign application.

The "concise explanation" requirement (non-English references) for reference(s) [] under 37 CFR 1.98(a)(3) is satisfied by:

the explanation provided on the attached sheet.

the explanation provided in the Specification.

submission of the enclosed International Search Report.

submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.

the enclosed English language abstract.

Applicant requests that the following non-published pending applications be considered:

Examiner's
Initials

____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

Examiner

Date

A copy of each above-cited application, including the current claims, is enclosed.
 A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
 Please charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is enclosed.
 Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By

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Registration No.: 39,302
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Facsimile: (978) 341-0136

Concord, MA 01742-9133

Dated:

10/15/04

PTO-1449 REPRODUCED

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

October 15, 2004

(Use several sheets if necessary)

ATTORNEY DOCKET NO.
3808.1000-000U.S. National Stage of International
App. No. PCT/GB03/01690

DT05 Rec'd PCT/PTO 15 OCT 2004

FIRST NAMED INVENTOR
Trevor James HallINTERNATIONAL FILING DATE
April 16, 2003

EXAMINER

CONFIRMATION NO.

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AA	6,072,772 A	06-06-2000	Krishna Pattabhiraman, et al.
	AB			
	AG			
	AD			
	AE			
	AF			
	AG			
	AH			
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GROUP

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO
AL		WO 02/15633 A2	02-21-2002	King's College London	
AM		GB 2357656 A	06-27-2001	Opera Systems Limited	
AN		WO 00/76256 A1	12-14-2000	Avici Systems	
AO					
AP					
AQ					
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EXAMINER

DATE CONSIDERED

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 3808.1000-000	U.S. National Stage of International App. No. PCT/GB03/01690	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		FIRST NAMED INVENTOR Trevor James Hall	DT05 Rec'd PCT/PTO 15 OCT 2004 INTERNATIONAL FILING DATE April 16, 2003	
October 15, 2004 (Use several sheets if necessary)		EXAMINER	CONFIRMATION NO.	GROUP

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)				
	AR	Wilmsen, C. W., et al., "Vertical Cavity Surface Emitting Laser Based Optoelectronic Asynchronous Transfer Mode Switch," <i>Optical Engineering, Soc. of Photo-Optical Instrumentation Engineers</i> , vol.38, no. 7, pp. 1216-1222 (1999, July).		
	AS	Nakai, K., et al., "Scalable 3-Stage ATM Switch Architecture Using Optical WDM Grouped Links Based on Dynamic Bandwidth Sharing," <i>IEICE Transactions on Electronics</i> , Institute of Electronics Information and Comm. Eng., Tokyo, JP, vol. E82-C, no. 2, pp. 213-218 (1999, February).		
	AT	Manoj, Kumar, et al., "Performance Enhancement in Buffered Delta Networks Using Crossbar Switches and Multiple Links," <i>Journal of Parallel and Distributed Computing</i> , vol. 1, no. 1, pp. 81-103 (1984, August 1).		
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